

A. Douglas Worsham Weed Science Lecture Series

The Challenge of Herbicide-Resistant Weeds

September 1

Possibilities for New Target Sites for Herbicides

Dr. Rex Liebl, BASF Corporation

October 6

How Does Weed Ecology and Biology Inform Sustainable Weed Management?

Dr. Dave Mortensen, Penn State University

November 10

Developing and Maintaining a Sustainable Tool Box to Manage Weeds

Dr. Stanley Culpepper, University of Georgia

Drs. Liebl, Mortensen, and Culpepper are alumni of North Carolina State University with distinguished careers in the field of weed science. The excellence they have demonstrated in their professional careers and their contributions to understanding and managing weeds are reflective of the rich history of the weed science program at North Carolina State University. As the first group of speakers in the *A. Douglas Worsham Weed Science Lecture Series*, they will bring unique and complementary perspectives on challenges and sustainable solutions to managing weeds in a diversity of landscape systems.

Location:

Washington Sankofa Room, 126 African American Cultural Center
North Carolina State University, Raleigh

Refreshments at 3:00 pm

Seminar at 3:30 pm

Contact:

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Dr. Rex Liebl

Dr. Liebl received his BS from the University of Florida and MS and PhD degrees from North Carolina State University. He completed his PhD in Crop Science under the direction of Dr. A. Douglas Worsham in 1985. Currently at BASF, Dr. Liebl is a global project/product manager and leads cross-functional teams responsible for the development and commercial introduction of new active ingredients and herbicide tolerant traits considering regulatory, manufacturing, formulation, field biology, and market needs.

Dr. Dave Mortensen

Dr. Mortensen received BS and MS degrees in Botany from Drew University and Duke University, respectively, prior to completing his PhD in Crop Science at North Carolina State University in 1987 under the direction of Dr. Harold Coble. He was on the faculty at the University of Nebraska - Lincoln prior to his current position at Penn State University. Dr. Mortensen conducts research in applied plant ecology and ecologically-based pest management to improve the sustainability of land resource management. Dr. Mortensen's program explores the interplay between the ecology of agricultural fields, field edges and forest fragments. He teaches *Principles of Weed Management*, *Flora of the Central Appalachian Region*, and *Ecology of Agricultural Systems*.

Dr. Stanley Culpepper

Dr. Stanley Culpepper received his BS degree from North Carolina State University and completed both MS and PhD degree programs at the same institution in Crop Science under the direction of Dr. Alan York in 1999. He is currently a Professor in the Department of Crop and Soil Sciences at the University of Georgia with research and

extension responsibilities associated with weed management in a variety of crops. Dr. Culpeper's contributions to management of herbicide-resistant weeds in cotton and other crops and development of alternatives to methyl bromide in vegetable production have been recognized at many levels worldwide.

The A. Douglas Worsham Weed Science Lecture Series

The *Weed Science Program in Plant, Insect, Microbe and Soil Systems* of the College of Agriculture and Life Sciences announces the implementation of a lecture series designed to enhance collaboration among weed scientists at North Carolina State University and others involved in the understanding and management of weeds. The lecture series is named in honor of Dr. Arch Douglas Worsham who had a distinguished career as a weed scientist at North Carolina State University for many years. Dr. Worsham impacted many students at both undergraduate and graduate levels and served many others during his career. Dr. Worsham has long been considered a unifying figure among weed scientists at North Carolina State University. Dr. Worsham began his career at North Carolina State University in 1960 after receiving BS and MS degrees in Agronomy from the University of Georgia and his PhD in Crop Science from North Carolina State University. His research focused on witchweed (*Striga asiatica*) management, no-tillage systems, and many other important aspects of sustainable weed management. Dr. Worsham made significant contributions to the North Carolina Agricultural Extension Service (now the Cooperative Extension Service) and was the instructor of the undergraduate weed science course at North Carolina State University. The series will include 3 to 5 lectures each year from a broad spectrum of weed scientists.

